UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



Region 6 Laboratory

Environmental Services Branch 10625 Fallstone Road, Houston, TX 77099 Fax: (281)983-2248 Phone: (281)983-2100

Final Analytical Report

	Site Name	Oil Trust Fund
	Sample Collection Date	te(s) 07/22/10
	Contact	Rich Mayer (6PD-F)
	Report Date	07/26/10
	Project #	10REG211
	Work Order(s)	1007034
Analyses included in this rep	port:	
LC DOSS		
Report Narrative		
DOSS:		
DOSS was not found in t	the samples at or above th	ne reporting limit.
<u>-</u>	results. The results apply	ality control were followed in the analysis and y only to the samples tested. This final report
Reporting limits are adju	sted for sample size and r	matrix interference.
	-	
Report Approvals:		
Richard McMillin Region 6 Laboratory Manag		David Neleigh Region 6 Laboratory Branch Chief
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Please provide a reason for holding:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road Houston, Texas 77099

Sample Receipt and Disposal

Site Name: Oil Trust Fund	Project Number: 10REG211
Data Management Coordinator: Christy Warren	/ /
Data Management Coordinator Signature	Date
Date Transmitted:/	
Please have the U.S. EPA Project Manager/Officer comments or questions.	call the Data Management Coordinator at 3-2137 for any
Please sign and date this form below and return it w	with any comments to:
Christy Warren Data Management Coordinator Region 6 Laboratory 6MD-HS	
Received by and Date	/
Comments:	
The laboratory routinely disposes of samples 90 day hold these samples in custody longer than 90 days, p	ys after all analyses have been completed. If you have a need to please sign below.
Signature	Date



Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
T005-1336-100722-SW-1	1007034-01	Liquid	7/22/10 10:30	07/23/10 09:45
T005-2333-100722-SW-1	1007034-02	Liquid	7/22/10 9:55	07/23/10 09:45
T005-2337-100722-SW-1	1007034-03	Liquid	7/22/10 9:15	07/23/10 09:45
T007-SG025-100722-SW-1	1007034-04	Liquid	7/22/10 9:45	07/23/10 09:45
T007-SG026-100722-SW-1	1007034-05	Liquid	7/22/10 10:35	07/23/10 09:45
T007-SG027-100722-SW-1	1007034-06	Liquid	7/22/10 11:20	07/23/10 09:45
T001-2001-100722-SW-1	1007034-07	Liquid	7/22/10 9:45	07/23/10 09:45
T001-2002-100722-SW-1	1007034-08	Liquid	7/22/10 11:15	07/23/10 09:45
T001-2003-100722-SW-1	1007034-09	Liquid	7/22/10 12:00	07/23/10 09:45

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007034-01 Station ID: T005-1336-100722-SW-1

Batch: B0G2301 Date Collected: 07/22/10 Sample Type: Liquid Sample Volume: 23 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	175		101	50-150	07/23/10 07/23/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/23/10 07/23/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007034-02 Station ID: T005-2333-100722-SW-1

Batch: B0G2301 Date Collected: 07/22/10 Sample Volume: 23 ml Sample Type: Liquid

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	175		101	50-150	07/23/10	07/23/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/23/10	07/23/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007034-03

Batch: B0G2301 Sample Type: Liquid Date Collected: 07/22/10

Sample Volume: 24 ml Sample Qualifiers:

Station ID: T005-2337-100722-SW-1

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	176		106	50-150	07/23/10	07/23/10
		Targets				
A lete (CAC Newslaw)	Result	Analyte	Reporting	D'1 .:	ъ 1	

Analyte (CAS Number) $\mu g/l$ Qualifiers Limit Dilution Prepared Analyzed Dioctyl sulfosuccinate, sodium salt (577-11-7) U 20.0 1 07/23/10 07/23/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007034-04

Batch: B0G2301 Sample Type: Liquid Station ID: T007-SG025-100722-SW-1

Date Collected: 07/22/10 Sample Volume: 22 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	186		102	50-150	07/23/10	07/23/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	IJ		20.0	1	07/23/10	07/23/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007034-05

Batch: B0G2301 Sample Type: Liquid Station ID: T007-SG026-100722-SW-1

Date Collected: 07/22/10 Sample Volume: 27 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyze
Surr: DOSS-D34	151		102	50-150	07/23/10 07/23/1
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyze
Dioctyl sulfosuccinate, sodium salt (577-11-7)	IJ		20.0	1	07/23/10 07/23/1

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1007034-06

Dioctyl sulfosuccinate, sodium salt (577-11-7)

Batch: B0G2301 Sample Type: Liquid **Station ID: T007-SG027-100722-SW-1**Date Collected: 07/22/10

19.7

Sample Volume: 36 ml

Sample Qualifiers:

07/23/10 07/23/10

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	119		107	50-150	07/23/10 07/23/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	•	Prepared Analyzed

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preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

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DOSS by LC/MS/MS

Lab ID: 1007034-07 Station ID: T001-2001-100722-SW-1

Batch: B0G2301 Date Collected: 07/22/10 Sample Volume: 24 ml Sample Type: Liquid

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	178		107	50-150	07/23/10 07/23/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	07/23/10 07/23/10

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Station ID: T001-2002-100722-SW-1 Lab ID: 1007034-08

Batch: B0G2301 Date Collected: 07/22/10 Sample Volume: 23 ml Sample Type: Liquid

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Anal	yzed
Surr: DOSS-D34	174		100	50-150	07/23/10 07/2	3/10
		Targets				
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared Anal	yzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	07/23/10 07/2	3/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory

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DOSS by LC/MS/MS

Lab ID: 1007034-09

Batch: B0G2301 Sample Type: Liquid **Station ID: T001-2003-100722-SW-1**Date Collected: 07/22/10

Sample Volume: 23 ml

Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared Analyzed
Surr: DOSS-D34	157		90.0	50-150	07/23/10 07/23/10
		Targets			
Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	g Dilution	Prepared Analyzed

Analyte (CAS Number) $\mu g/l$ Qualifiers Limit Dilution Prepared Analyzed Dioctyl sulfosuccinate, sodium salt (577-11-7) U 20.0 1 07/23/10 07/23/10

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G2301 Sample Type: Liquid

Blank (**B0G2301-BLK1**)

Prepared: 7/23/2010 Analyzed: 7/23/2010

Surrogates

	Result	Analyte	Spike		%REC
ANALYTE	μg/l	Qualifier	Level	%REC	Limits
Surr: DOSS-D34	186		200	93.1	50-150

Blank (**B0G2301-BLK1**)

Prepared: 7/23/2010 Analyzed: 7/23/2010

Targets

ANALYTE	Result µg/l	Analyte Reporting Qualifiers Limit	Spike Level	RPD RPD Limit
Dioctyl sulfosuccinate, sodium	U	20.0		
salt				

LCS (B0G2301-BS1)

Prepared: 7/23/2010 Analyzed: 7/23/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	198		200	99.2	50-150

LCS (B0G2301-BS1)

Prepared: 7/23/2010 Analyzed: 7/23/2010

Targets

ANALYTE	Result µg/l	Analyte Reporting Qualifiers Limit		%REC %REC Limits	RPD RPD Limit
Dioctyl sulfosuccinate, sodium salt	101	20.0	101	100 50-150	

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS - Quality Control

Batch: B0G2301 Sample Type: Liquid

Matrix Spike (B0G2301-MS1)

Source: 1007034-03 Prepared: 7/23/2010 Analyzed: 7/23/2010

Surrogates

ANALYTE	Result	Analyte	Spike	%REC
	µg/l	Qualifier	Level	%REC Limits
Surr: DOSS-D34	176		174	101 50-150

Matrix Spike (B0G2301-MS1)

Prepared: 7/23/2010 Analyzed: 7/23/2010 Source: 1007034-03

Targets

ANALYTE		Analyte Reporting Qualifiers Limit			%REC Limits	
Dioctyl sulfosuccinate, sodium	88.6	20.0	87.8	101	50-150	

Matrix Spike Dup (B0G2301-MSD1)

Prepared: 7/23/2010 Analyzed: 7/23/2010 Source: 1007034-03

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	179		174	103	50-150

Matrix Spike Dup (B0G2301-MSD1)

Source: 1007034-03 Prepared: 7/23/2010 Analyzed: 7/23/2010

Targets

ANALYTE		Analyte Reporting Qualifiers Limit			%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	90.9	20.0	87.8	104	50-150	2.56	30

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Sample # Analyses Matrix Collected Sample Mumb Conf Container Preservativ MSIMS 1005-1335-100722-SN-1 DOSS Surface Grab 7722/2010 10:30 2 40 m/VOA 4 C N 1005-2337-100722-SN-1 DOSS Surface Grab 7722/2010 0:9:55 2 40 m/VOA 4 C N 1005-2337-100722-SN-1 DOSS Surface Grab 7722/2010 0:9:15 6 40 m/VOA 4 C V 1005-2337-100722-SN-1 DOSS Surface Grab 7722/2010 0:9:15 6 40 m/VOA 4 C V 1005-2337-100722-SN-1 DOSS Surface Grab 7722/2010 0:9:15 Grab Transportation 1005-2337-100722-SN-1 DOSS Surface Grab 7722/2010 Grab Transportation 1005-2337-100722-SN-1 DOSS Transportation				R06_Dee Contact I Contact P	R06_DeepWater_Chalmette Contact Name: Kristie Warr Contact Phone: 713-985-6636	nette Varr 6636			Lab: U.S. E	AirbillNo: Lab: U.S. EPA Region 6 Laboratory Lab Phone: 281-983-2137	AirbillNo: aboratory 983-2137
DOSS Surface Grab 77222010 10:30 2 40 ml VOA 4 C DOSS Water Grab 77222010 09:15 6 40 ml VOA 4 C Water Surface Grab 77222010 09:15 6 40 ml VOA 4 C Water Water Grab 77222010 09:15 6 40 ml VOA 4 C Water Water Grab 77222010 09:15 6 40 ml VOA 4 C Water Water Grab 77222010 09:15 6 40 ml VOA 4 C Water Chall Chall Chall Chall Chall 6 40 ml VOA 4 C Chall Chall <th>Lab#</th> <th>Sample #</th> <th>Analyses</th> <th>Matrix</th> <th>Collection</th> <th>Collected</th> <th>Sample</th> <th>Numb Cont</th> <th>Container</th> <th>Preservativ e</th> <th>MS/MS D</th>	Lab#	Sample #	Analyses	Matrix	Collection	Collected	Sample	Numb Cont	Container	Preservativ e	MS/MS D
100722-SW-1 DOSS Surface Grab 77222010 0915 6 40 mI VOA 4 C Water Surface Grab 77222010 0915 6 40 mI VOA 4 C Water Surface Grab 77222010 0915 6 40 mI VOA 4 C Grab Grab 77222010 0915 6 40 mI VOA 4 C Grab		T005-1336-100722-SW-1	DOSS	Surface Water	Grab	7/22/2010	10:30	2	40 ml VOA	4 C	z
Surface Grab 7/22/2010 08:15 6 40 ml VOA 4 C		T005-2333-100722-SW-1	DOSS	Surface Water	Grab	7/22/2010	09:55	2	40 ml VOA	4 C	z
SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY # C		T005-2337-100722-SW-1	DOSS	Surface	Grab	7/22/2010	09:15	ω	40 mi VOA	0	>-
SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY # CHAIN O											
Reinquished by Date Bereived by Date Time Items/Reason Reinquished By Date 3703/62/64ed by Date 1/2/1/2/10/1/2/10/1/2/10/1/2/1/2/1/2/1/2		Instructions						SAMPLES TE	NANSFERRED	FROM	
		Relinquished	Received by	Date 1/21/0 1/6 24		ns/Reason	Relinquishe	14 14	TABLES.	the state of the s	Time 7.2

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Sample # Analyses Matrix Method Tollection Collected Collection Collected Sample Sample Numb Cont Container Press T007-SG025-100722-SW-1 DOSS Surface Water Grab 7722/2010 11:20 2 40 m VOA 4 C T007-SG027-100722-SW-1 DOSS Surface Water Grab 7722/2010 11:20 6 40 m VOA 4 C T007-SG027-100722-SW-1 DOSS Surface Water Grab 7722/2010 11:20 6 40 m VOA 4 C T007-SG027-100722-SW-1 DOSS Surface Water Grab 7722/2010 11:20 6 40 m VOA 4 C T007-SG027-100722-SW-1 DOSS Surface Water Grab 7722/2010 11:20 6 40 m VOA 4 C T007-SG027-100722-SW-1 DOSS Surface Water Grab 70 m VOA 4 C 70 m VOA 4 C T007-SG027-100722-SW-1 DOSS Surface Water Grab 70 m VOA 4 C 70 m VOA											
Surface Water Grab 77222010 09.45 2 40 ml VOA 4 C Surface Water Grab 77222010 10.35 2 40 ml VOA 4 C Surface Water Grab 77222010 11.20 6 40 ml VOA 4 C Surface Water Grab 77222010 11.20 6 40 ml VOA 4 C Surface Water Grab 77222010 11.20 6 40 ml VOA 4 C Surface Water Grab 77222010 11.20 6 40 ml VOA 4 C Surface Water Grab 7722010 11.20 6 40 ml VOA 4 C Surface Water Grab 7722010 11.20 6 40 ml VOA 4 C Surface Water Grab 7722010 11.20 6 40 ml VOA 4 C Surface Water Grab 7722010 11.20 6 40 ml VOA 4 C Surface Water Grab 7722010 11.20 6 40 ml VOA 4 C Surface Water Grab 772201 11.20 6 40 ml VOA 4 C Surface Water Grab 772201 11.20 6 40 ml VOA 4 C Surface Water Grab 772201 11.20 6 40 ml VOA 4 C Surface Water Grab 772201 11.20 6 40 ml VOA 4 C Surface Water Grab 772201 11.20 6 ml VOA 4 C Surface Water Grab 772201 11.20 6 ml VOA 4 C Surface Water Grab 772201 11.20 6 ml VOA 1 C Surf	Lab # San	# eldu	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservativ e	MS/MS D
Surface Water Grab 77222010 10.35 2 40 ml VOA 4 C Surface Water Grab 77222010 11.20 6 40 ml VOA 4 C Surface Water Grab 772710 8 40 ml VOA 4 C Amount of Customan Ball of Customan CHAIN OF CUSTODY # CHAIN OF CUSTODY # CHAIN OF CUSTODY # Amount of Customan Amount of Customan	TOO	7-SG025-100722-SW-1		Surface Water	Grab	7/22/2010	09:45	2	40 ml VOA	4 C	z
Surface Water Grab 77222010 11:20 6 40 mil VOA 4 C	T00	7-SG026-100722-SW-1		Surface Water	Grab	7/22/2010	10:35	2	40 ml VOA	4C	z
SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY # C	8	7-SS027-100722-SW-1		Surface Water	dera	77222010	11.20	σ	40 ml VOA	0	>
SAMPLES TRANSFERED FROM CHAIN OF CUSTODY #											
Reinquished by Date Received by Date Time ItemsReason Reinquished By Date Received by Manna Mann	oecial Instru	uctions: Sample Coolers C	ustody Sealed upon receipt.					SAMPLES T	RANSFERREC USTODY #	FROM	
That, our	Items/Rea	130 11 11	130	1		ms/Reason	Relinquishe		(-1	4	Date Time (25/25/25/25/25/25/25/25/25/25/25/25/25/2

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Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099 Phone:(281)983-2100 Fax:(281)983-2248

Sample # Analyses Matrix Collected Sample Numb Cont Preservativ MSMS Description Numb Cont Doss Sufface Water Gab 7722010 11:15 2 4 C N		Lab	Lab: EPA Houston Lab Lab_State: TX	Lab: EPA Houston Lab Lab_State: TX			,	do Addres	Lab Address. 10b25 rallstone Kd Lab_City. Houston Lab_Zip: 77099
DOSS Surface Water Grab 7722010 0945 6 4C Y DOSS Surface Water Grab 7722010 1115 2 4C N DOSS Surface Water Grab 7722010 1115 2 4C N RECEIVED FROM CHAIN OF CUSTODY # TACHON OF TACHO	Analyses	Matrix	Collecti on Method	Collected		Numb Cont	Preservativ e	MS/MS D	
DOSS Surface Water Grab 77222010 11:15 2 4 C	DOSS	Surface Wate		7/22/2010	09:45	9	4 C	>-	
SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY # This No. Surface Water Grab 77222010 1200 2 4 C N SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY # This No. Date Time NemerReason Relinquished By Date Received by Date 723/10 1/20/20 1/20/	DOSS	Surface Wate		7/22/2010	11:15	2	4 C	z	
Date Received by Date Time Items/Reason Reinquished By Date Received by Date Asserted Tyzelo (1921)	SSSOO	Surface Walk		7722/2010	12:00	2		z	
Date Received by Date Time Items/Reason Relinquished By Date Received by Date Address of						SAMP	ES TRANSF	ERRED F	W0.
Date Received by Date Time Hemsifeason Relinquished By Date Received by Date 12340 Mills H. 30 45 Mills Half Malls 12340 Mills H. 30 45 Harris 123 Mills Harris						CHAIN	OF CUSTOD	# \-	
1/2010 1- 3045/// 1/2010 1- 3045/// 1/2010 1	Date	Date		tems/Reason				Received b	Date
7220 9.25 Weep # 9:45 Harris 7230 7236	7/23/2 concert	ed 7/22/10			3	4	30 45	B	The copy
	123/16 July 2000 Color of 1250 Mark.	J. 7.256 9	3		Car	7	1-276-1	Seich Seich	ET !

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Notes and Definitions

Α This sample was extracted at a single acid pH.

HTS Sample was prepared and/or analyzed past recommended holding time. Concentrations should be

considered minimum values.

AES Atomic Emission Spectrometer

CVAA Cold Vapor Atomic Absorption

ECD Electron Capture Detector

GC Gas Chromatograph

GFAA Graphite Furnace Atomic Absorption

ICP Inductively Coupled Plasma

MS Mass Spectrometer

NA Not Applicable

NPD Nitrogen Phosphorous Detector

NR Not Reported

TCLP Toxicity Characteristic Leaching Procedure

Undetected U

Out of QC limits

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds per square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.

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